

Notice of Allowability

Application No.

09/766,784

Applicant(s)

MORIN, MARC

Examiner

Art Unit

Pramila Parthasarathy

2136

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 12/20/2005.
2. ☒ The allowed claim(s) is/are 1-2, 5-6 and 15; Renumbered as 1-5.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- * Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

H. S. Song
Hosuk SONG
Primary Examiner
Art Unit 2135

DETAILED ACTION

Response to Arguments

1. In view of Applicant's remarks see page 4, filed 12/19/2005, with respect to Claims 1,2,5, 6, and 15, have been fully considered and are persuasive.

Allowable Subject Matter

2. Claims 1,2,5,6, and 15 are allowed.
3. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Godfrey K. Kwan, Registration Number 46,850 on January 05, 2006.

IN THE CLAIMS:

1. (Amended) A method for embedding a digital signature in an MPEG stream, said method comprising modifying the a program clock reference (PCR) field of a transport stream packet, by logically anding off a portion of the lower bits of said PCR field, said PCR field including time stamp information, and replacing said portion with all or a part of said digital signature, wherein said digital signature is encrypted to produce an encrypted signature and wherein said encrypted signature is scrambled to provide for error correction.

3 – 4. (Canceled)

5. (Amended) A system for embedding a digital signature in an MPEG stream, said system comprising logical means for modifying the a program clock reference (PCR) field of a transport stream packet, by logically anding off a portion of the lower bits of said PCR field, said PCR field including time stamp information, and replacing said portion with all or a part of said digital signature, wherein said digital signature is encrypted to produce an encrypted signature and wherein said encrypted signature is scrambled to provide for error correction.

7 – 8. (Canceled)

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15. (Amended) A system for embedding a digital signature in an MPEG stream, the system comprising:

means for identifying a program clock reference (PCR) field of a transport stream packet;

means for modifying a portion the lower bits of said PCR field;

means for replacing said portion with all or a part of the digital signature,

wherein said digital signature is encrypted to produce an encrypted signature and

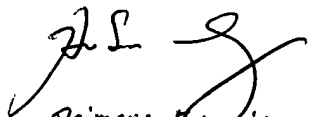
wherein said encrypted signature is scrambled to provide for error correction.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Pramila Parthasarathy whose telephone number is 571-272-3866. The examiner can normally be reached on Tuesday – Thursday 8:00a.m. To 3:00p.m..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz Sheikh can be reached on 571-232-3795. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR only. For more information about the PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Pramila Parthasarathy
January 05, 2006.


Primary Examiner
Art Unit 2135